

FIG. 1
(RELATED ART)

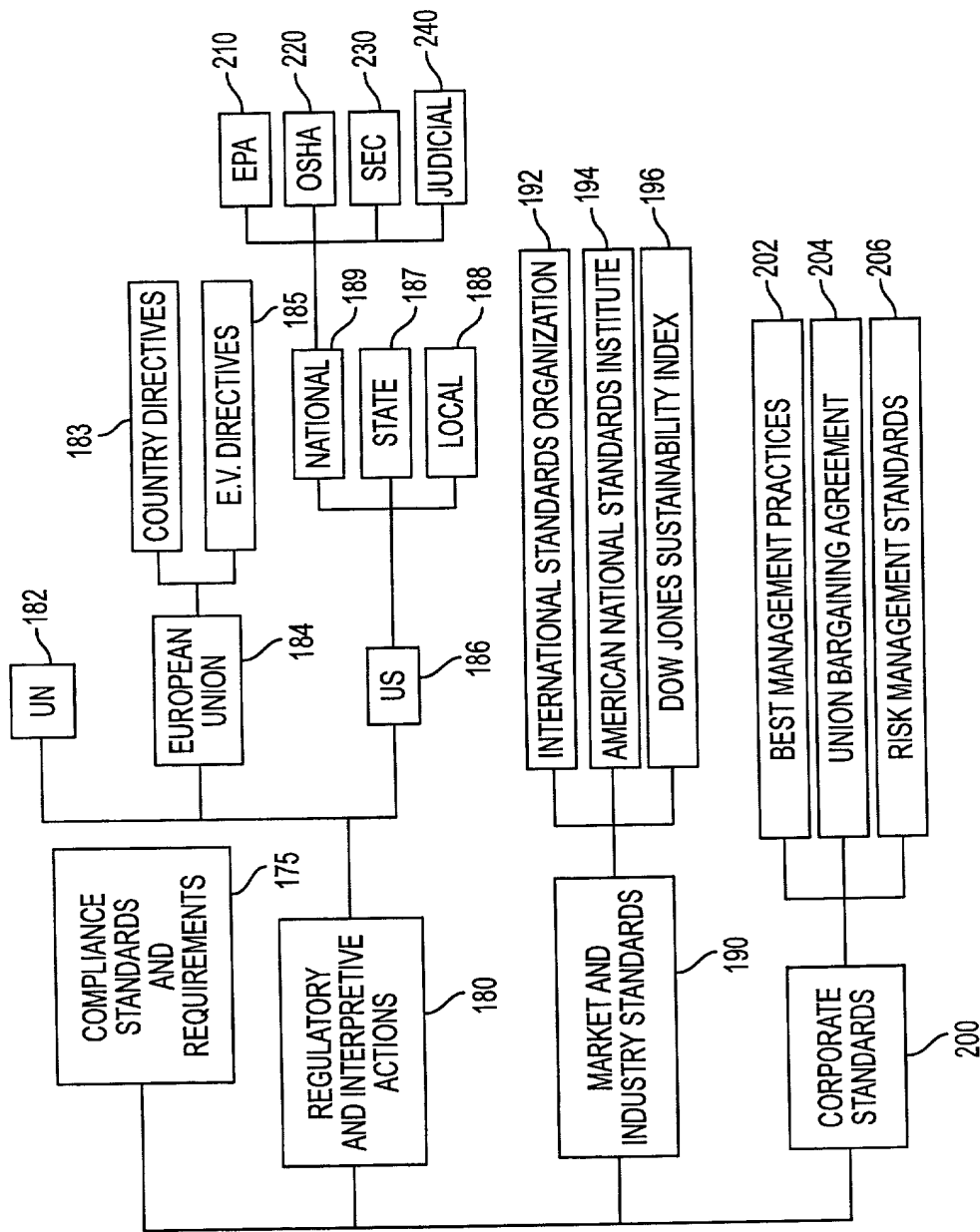


FIG. 2
(RELATED ART)

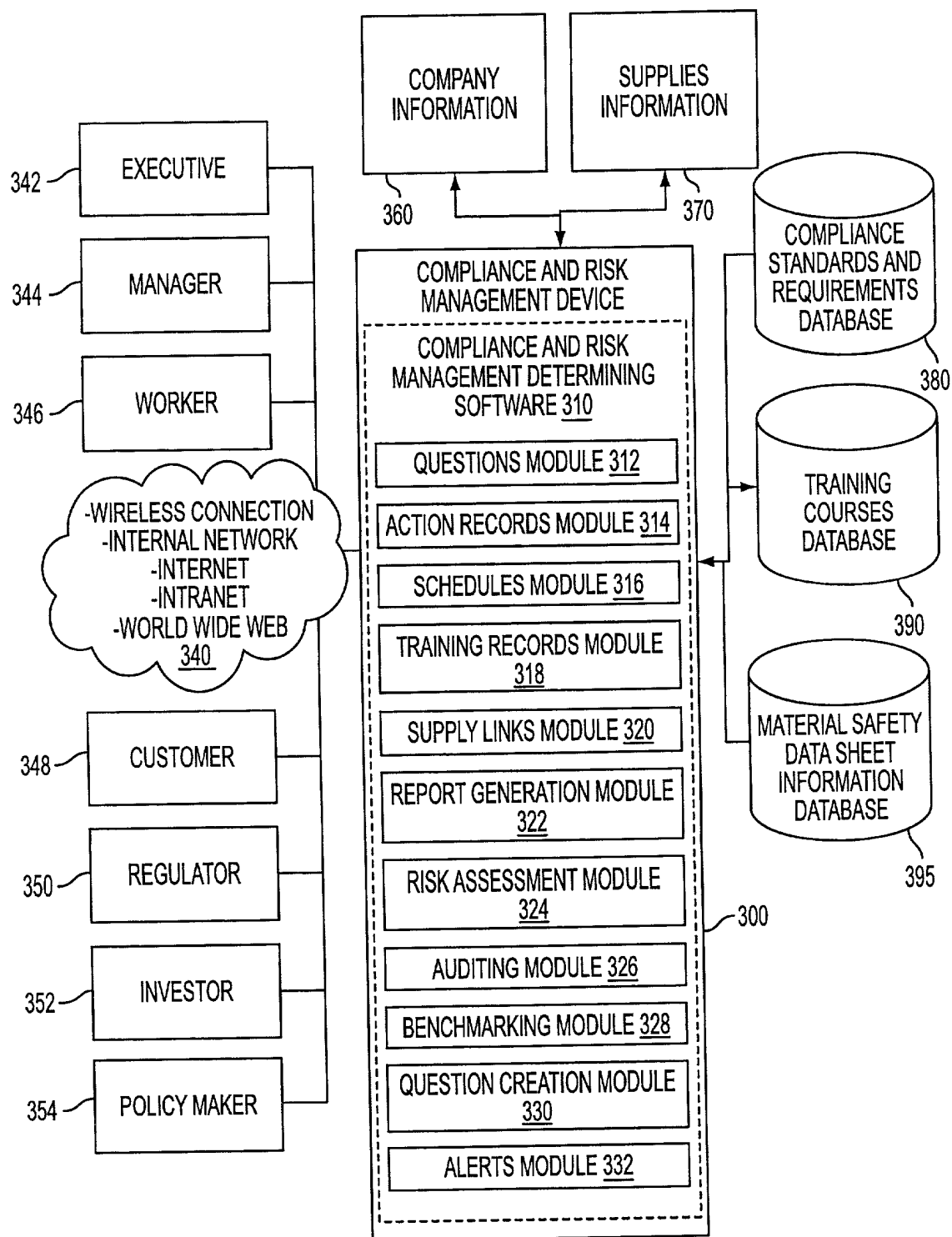


FIG. 3

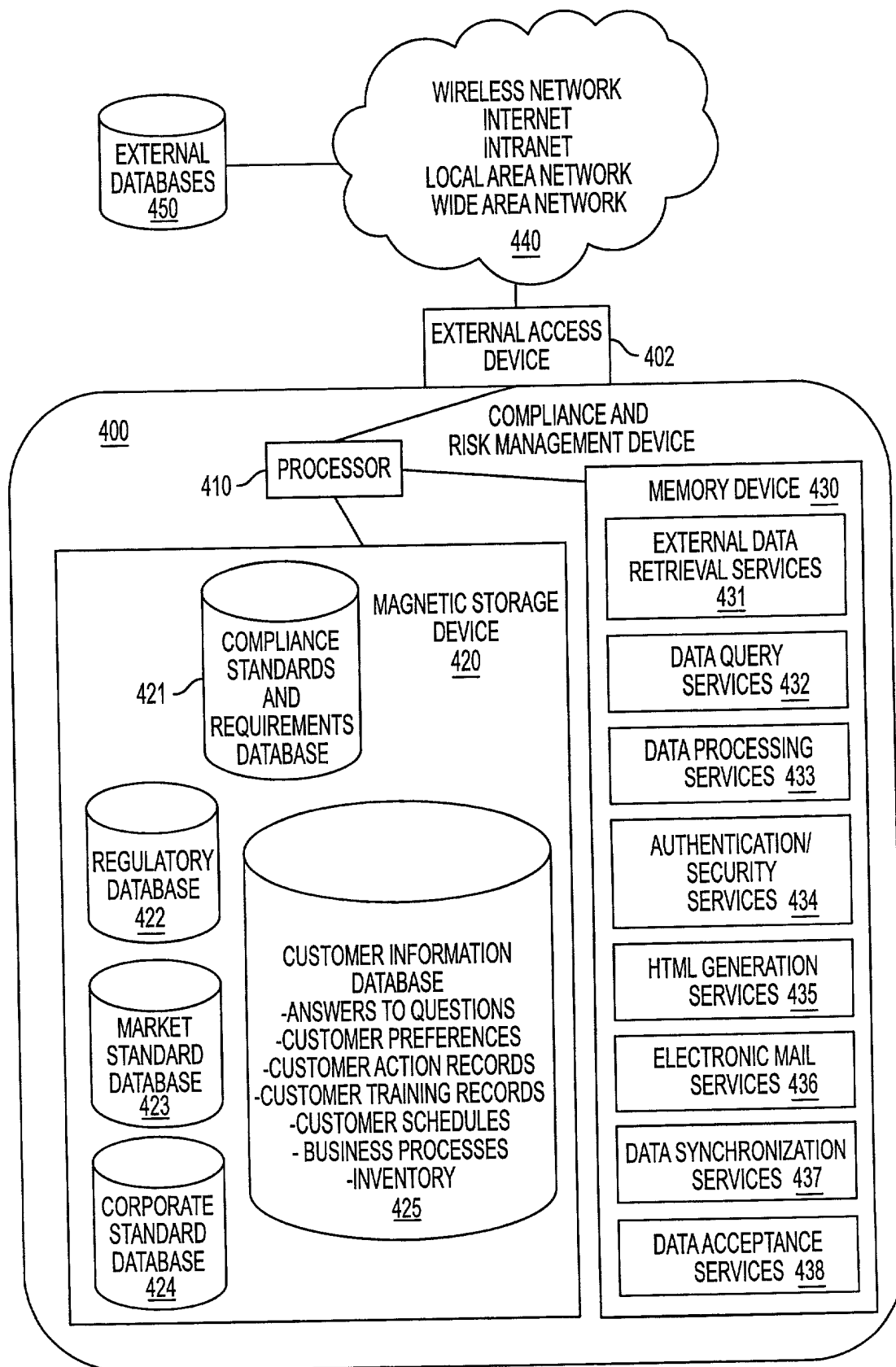


FIG. 4

FIG. 4

FIG. 5

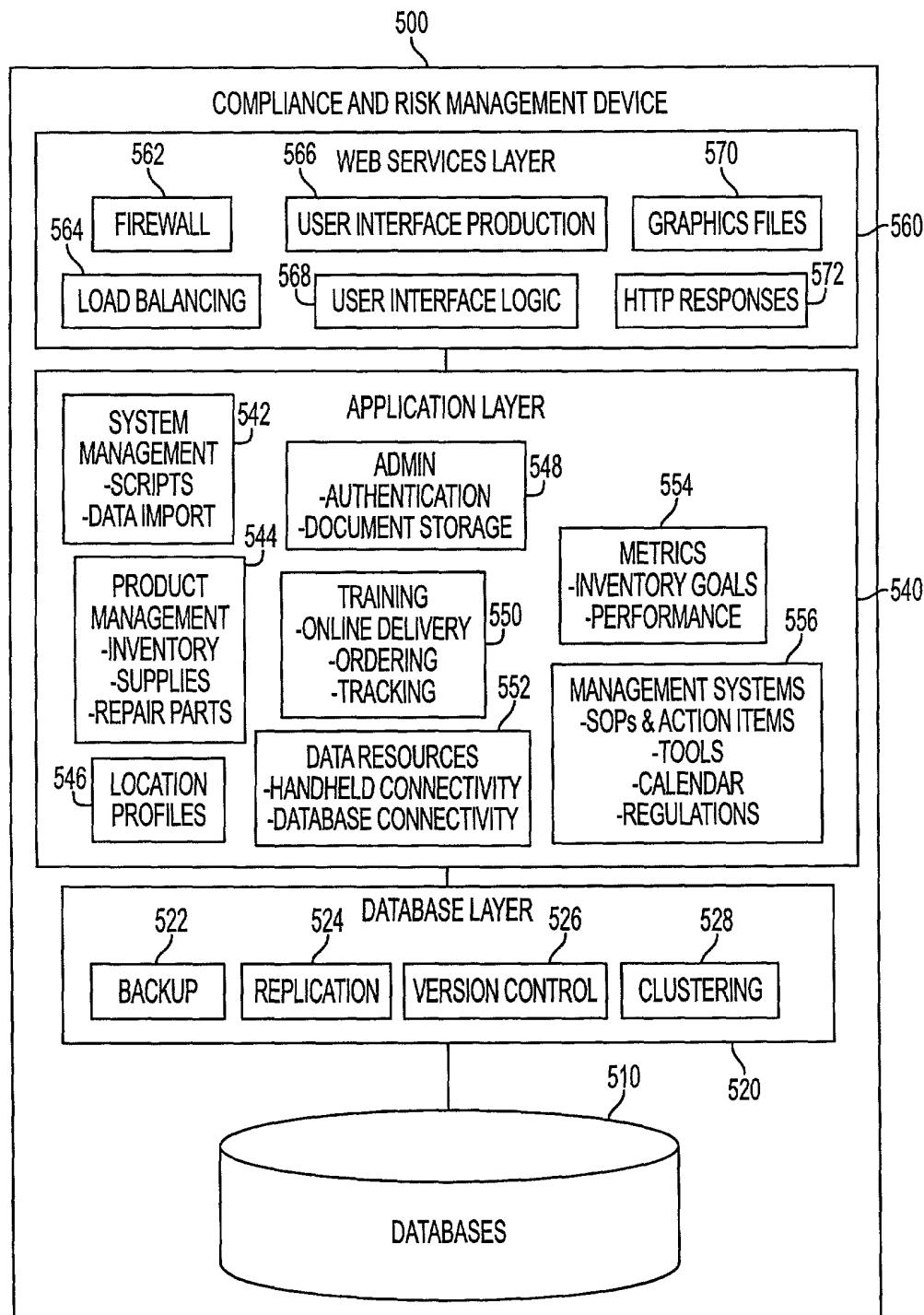


FIG. 5

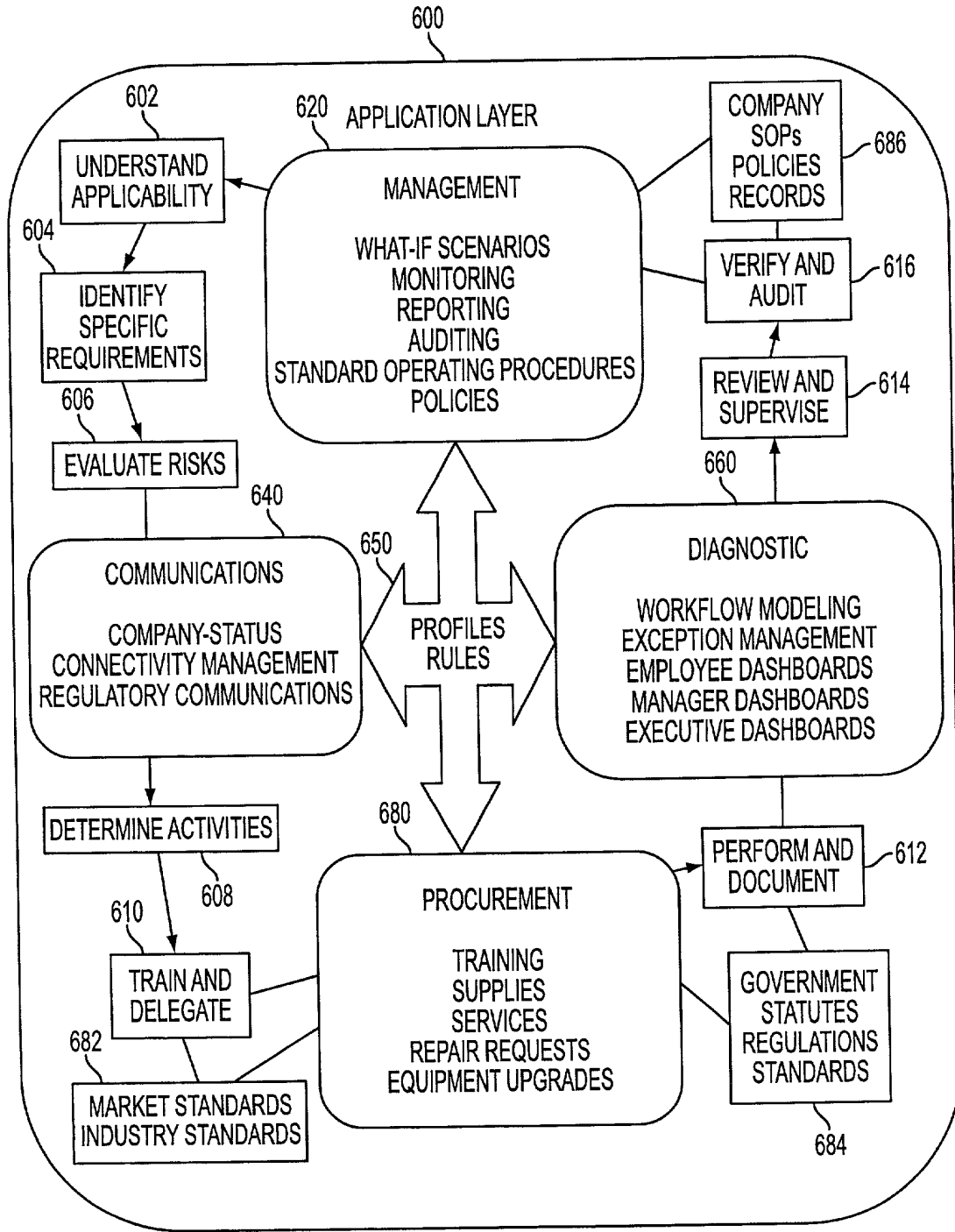


FIG. 6

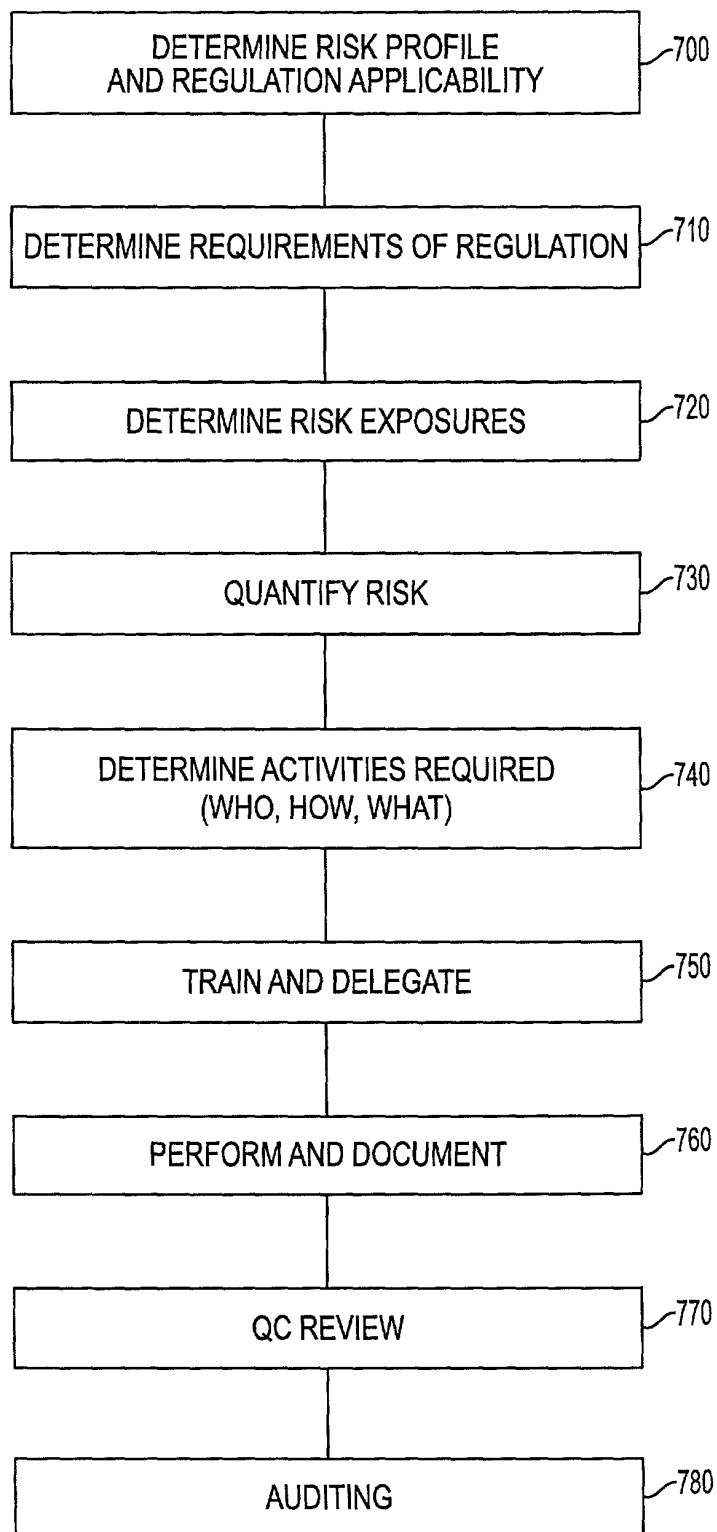


FIG. 7

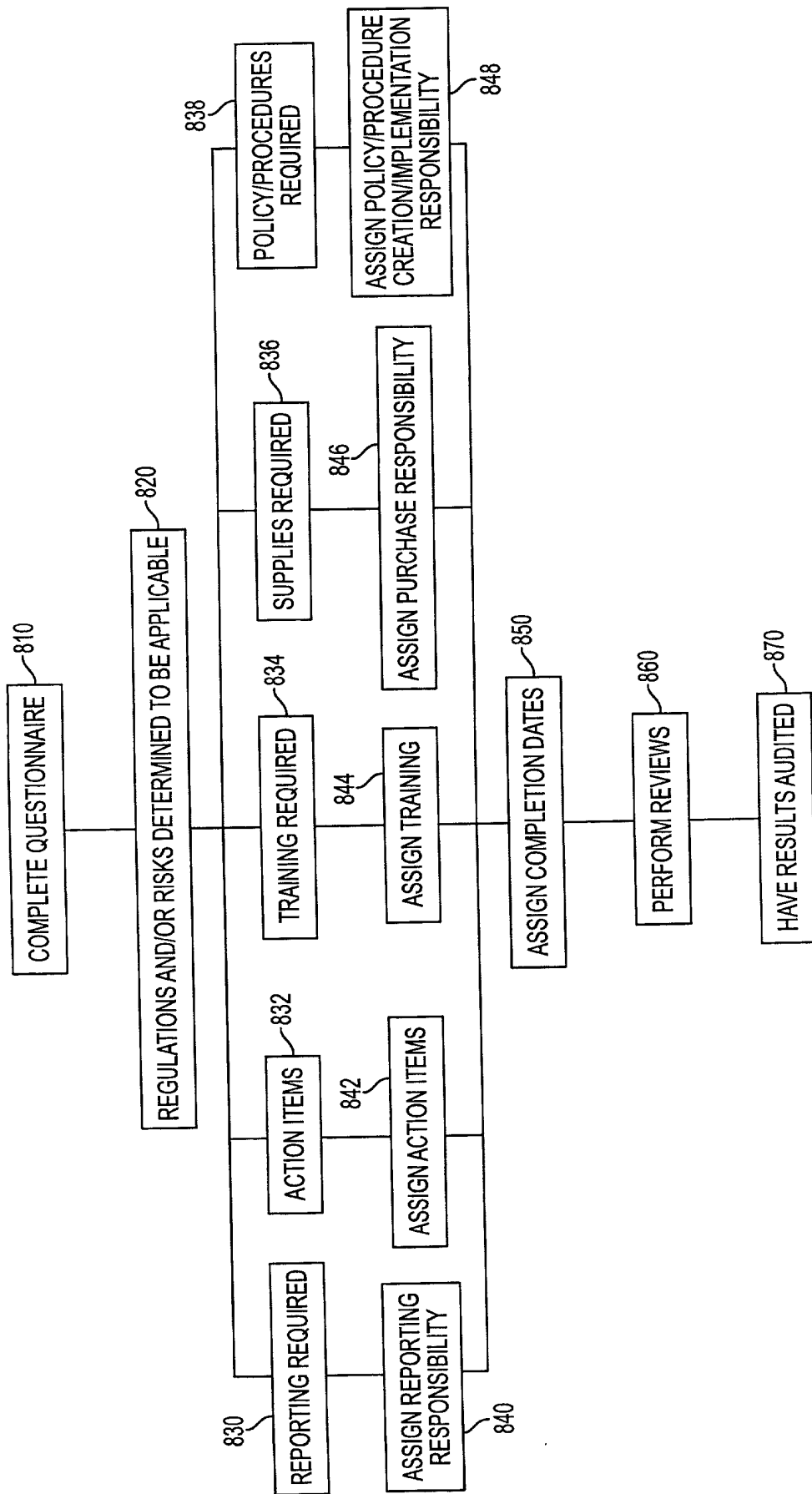


FIG. 8

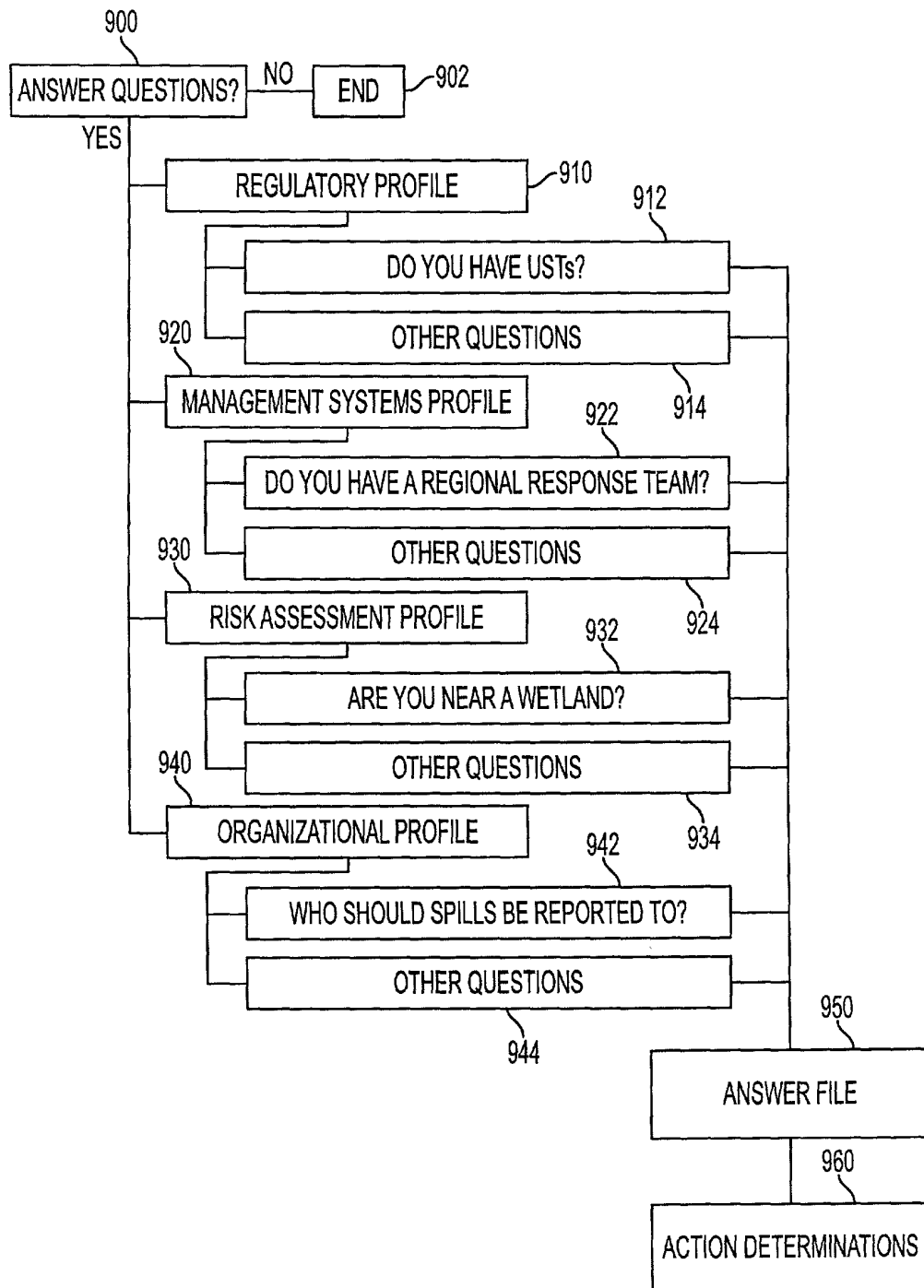


FIG. 9

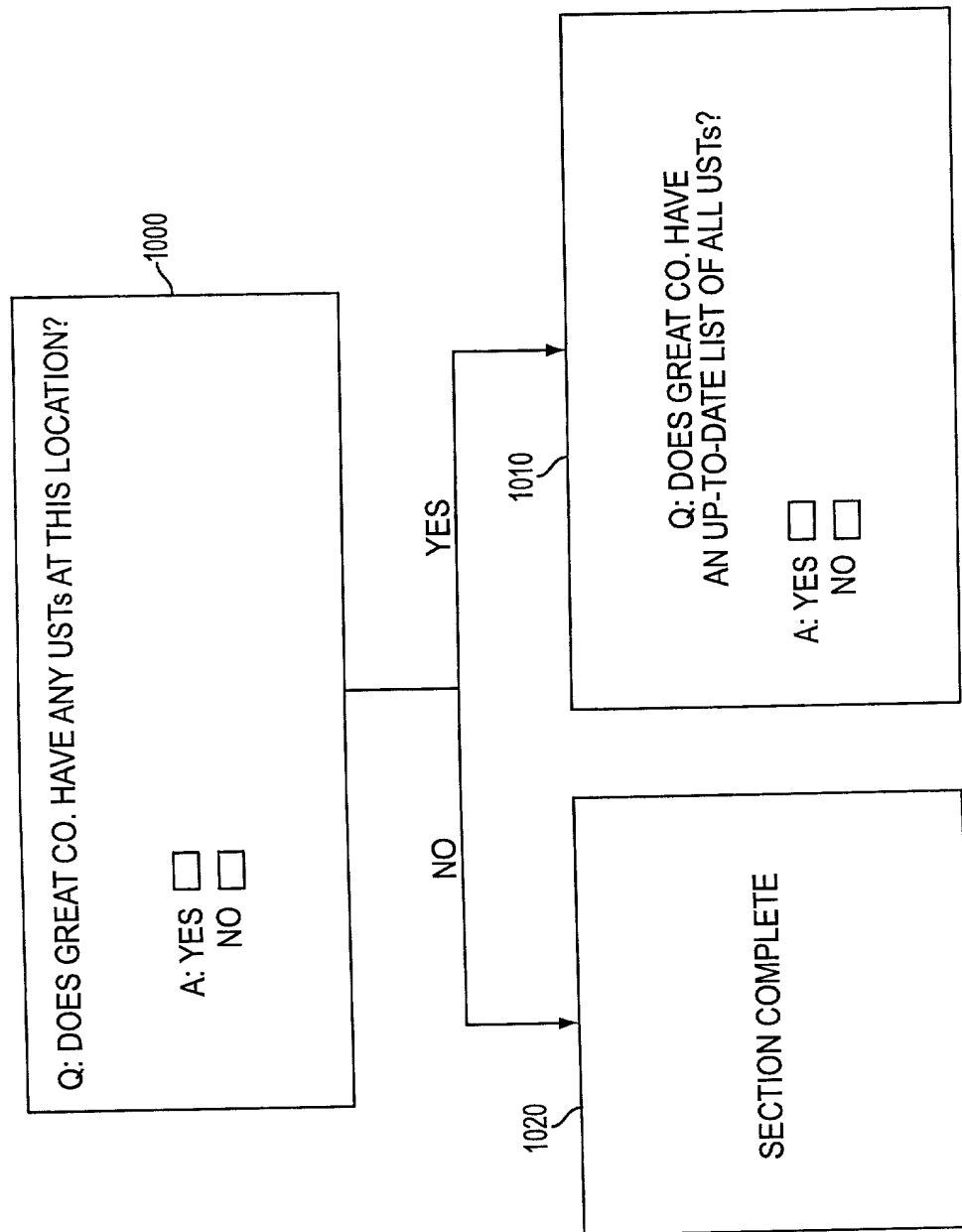


FIG. 10

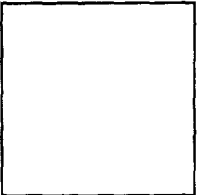
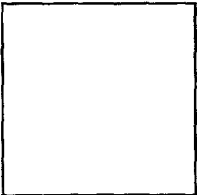
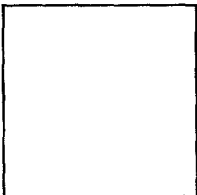
ACTION ITEMS:			1100
1. CONDUCT AN INVENTORY			
PERSON RESPONSIBLE:	[<NAME>]	NOTES:	1110
START DATE:	[<DATE>]		
DUE DATE:	[<DATE>]		
FUNCTION/DEPARTMENT	[<DEPARTMENT>]		
REGULATORY DOMAIN	SAFETY AND HEALTH		
BACKGROUND REFERENCE	29 CFR 1910.1200(f)(5)		
DRIVER:	HAZCOM PROFILE QUESTION #5		
SEE:	POLICY ON INVENTORIES		
2. PURCHASE SAFETY GOGGLES			
PERSON RESPONSIBLE:	[<NAME>]	NOTES:	1120
START DATE:	[<DATE>]		
DUE DATE:	[<DATE>]		
FUNCTION/DEPARTMENT	[<DEPARTMENT>]		
REGULATORY DOMAIN	SAFETY AND HEALTH		
BACKGROUND REFERENCE	29 CFR 1910.1200(f)(5)		
DRIVER:	HAZCOM PROFILE QUESTION #6		
3. SCHEDULE HAZCOM TRAINING			
PERSON RESPONSIBLE:	[<NAME>]	NOTES:	1130
START DATE:	[<DATE>]		
DUE DATE:	[<DATE>]		
FUNCTION/DEPARTMENT	[<DEPARTMENT>]		
REGULATORY DOMAIN	SAFETY AND HEALTH		
BACKGROUND REFERENCE	29 CFR 1910.1200(f)(5)		
DRIVER:	HAZCOM PROFILE QUESTION #6		

FIG. 11

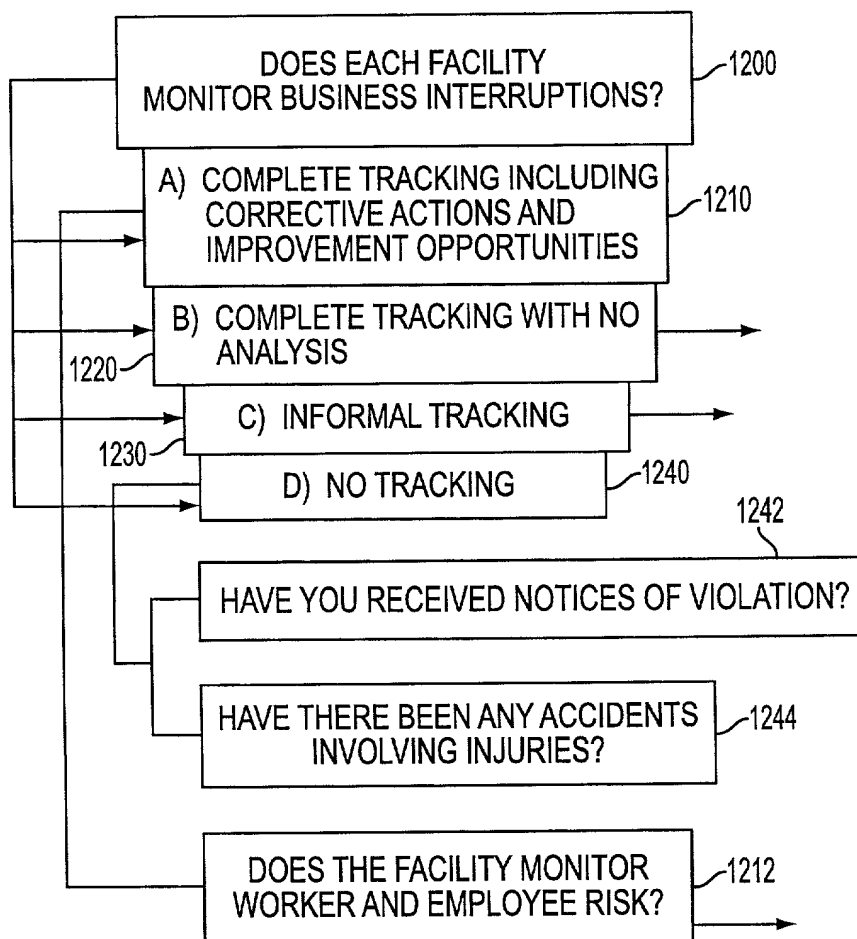


FIG. 12

FIG. 13

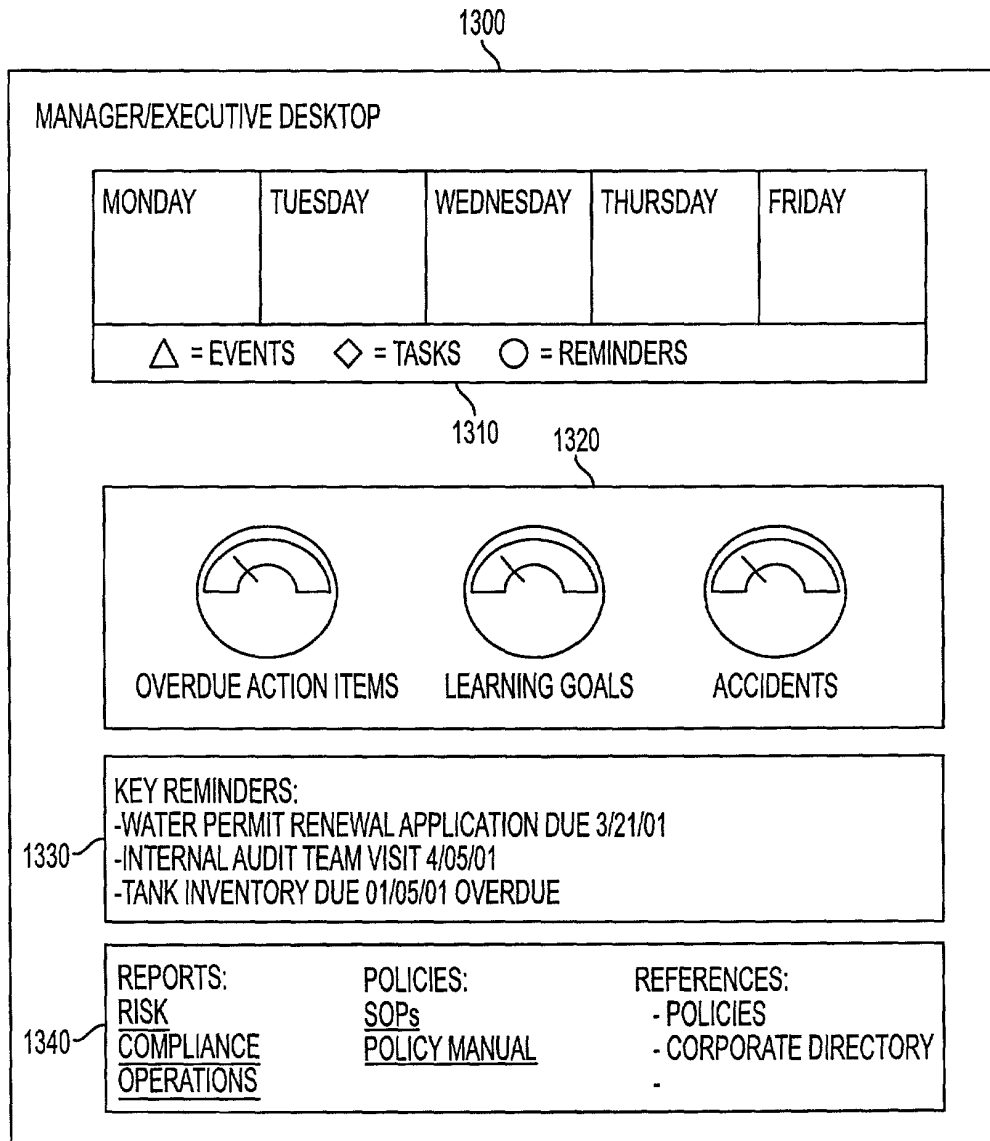


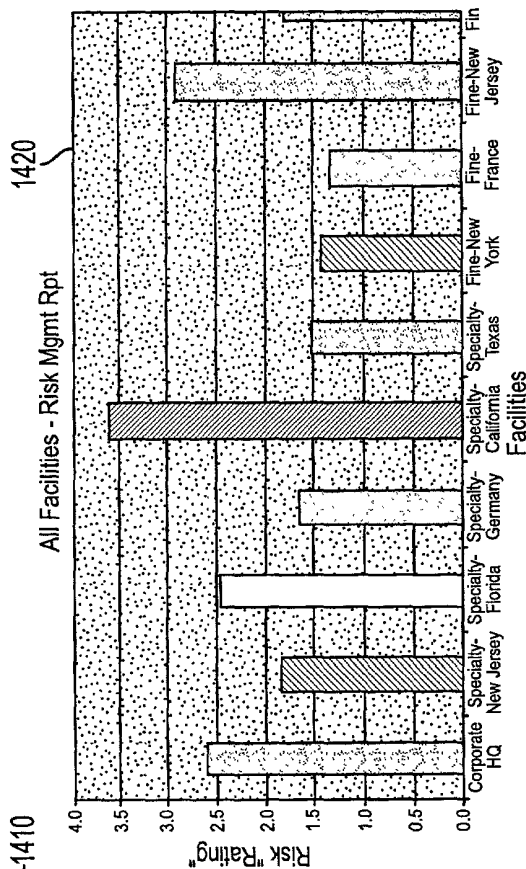
FIG. 13

EXECUTIVE/POLICY MAKER DESKTOP

Deloris Manager of US Chemicals. You are currently logged into location Corporate Headquarters, USA.

Location: ▼

Period:
From ▼ ▼
To ▼ ▼
Display ▼
for ▼



REFERENCES:

POLICIES
PROCEDURES

ALERTS:

- NEW EPA REGULATION
- NEW ANSI STANDARD
- SAFETY INCIDENT
- POLICY UPDATE NEEDING REVIEW

CORPORATE DIRECTORY
CORPORATE LOCATIONS

FIG. 14

1500

WORKER DESKTOP

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	△	○		○
△ = EVENTS ◇ = TASKS ○ = REMINDERS				

1510

TODAY'S TASKS:

- TEST UNDERGROUND TANKS FOR WATER/FUEL LEVEL
- DO WEEKLY CHECK OF LEAK DETECTION
- ORDER 5,000 GALLONS #2 FUEL OIL
- REPAIR PART FOR DISPENSER - ARRIVING TODAY
- SUPPLY ROOM INVENTORY

1520

KEY REMINDERS:

- WATER PERMIT RENEWAL APPLICATION DUE 3/21/01
- INTERNAL AUDIT TEAM VISIT 4/05/01
- TANK INVENTORY DUE 01/05/01 OVERDUE

1530

DATA ENTRY:

ORDER SUPPLIES
ENTER FUEL/WATER LEVELS
 REPORT REPAIRS
REPORT ACCIDENT

TRAINING:

TAKE TRAINING
REPORT TRAINING
REQUEST TRAINING

1540

FIG. 15

094150-06974850

1600

WORKERS TRAINING

1610

1620

1630

1640

1650

1660

COURSE NAME	STATUS	DUE DATE	PRIORITY
<u>HAZCOM</u>	PENDING	03/20/01	MANDATORY
<u>COMBUSTIBLE AND FLAMMABLE LIQUIDS</u>	PENDING	03/20/01	MANDATORY
<u>FIRE EXTINGUISHERS</u>	PENDING	03/20/01	MANDATORY
<u>FIRE PREVENTION</u>	PENDING	03/20/01	MANDATORY
<u>FIRST AID</u>	PENDING	03/20/01	MANDATORY
...	PENDING	03/20/01	MANDATORY

CLICK ON COURSE NAME TO TAKE OR SIGN UP FOR COURSE

FIG. 16

104050" 069T 2860

1700

WORKERS TRAINING

HAZCOM

1710

1720

1730

1740

1750

1760

COURSE PROVIDER

LOCATION

COURSE DATE

COST

LIBERTY TRAINING

CHICAGO

03/20/01

\$50

DEWEY, CHEATUM AND HOWE,
LICENSED TRAINING PARTNERS

DENVER

03/20/01

\$600

FINE TRAINING

LOS ANGELES

03/20/01

\$60

FINE TRAINING

WASH. DC

03/20/01

\$40

MEDIOCRE TRAINING

ATLANTA

03/20/01

\$50

...

EVERYWHERE

03/20/01

\$10

CLICK ON COURSE NAME TO TAKE OR SIGN UP FOR COURSE

RELATED PRODUCTS


RELATED MSDS INFORMATION

1770

1780

FIG. 17

FIG. 18


Action Items


Date:
July 4, 2001

Action items by **Due Date** **Display**

Title	Name	Start Date	Due Date
Test Respirators	Joe Worker	6/27/2001	7/3/2001
Review Sample Data for Air Permit	Deloris Manager	7/2/2001	7/3/2001
Complete Warehouse and Shipping Dock Inventory	Al Watson	7/4/2001	7/4/2001
Draft Site Aspects and Impacts for ISO 14001 Conf. Call	Deloris Manager	7/2/2001	7/4/2001
Review Soil Sample Data & Develop Questions for Consultants	Deloris Manager	7/4/2001	7/4/2001
Find and Update Chemical Inventory for Shipping Briefing	Deloris Manager	7/4/2001	7/5/2001
Update KPIs and Draft New Indicators for KPI Call	Deloris Manager	7/5/2001	7/5/2001
Collect Accident Root Cause Report	Joe Worker	7/2/2001	7/6/2001
Complete Inventory of Testing Chemicals	Alexander Smith	7/4/2001	7/6/2001
Run for Testing Batch for Production Run #2018	Alexander Smith	7/4/2001	7/6/2001
Complete Maintenance Shop Chemical Inventory	Bob Johnson	7/5/2001	7/6/2001
Develop Weekly EHS Status Report for Plant Manager	Deloris Manager	7/6/2001	7/6/2001
Draft Air Permit Application	Deloris Manager	7/6/2001	7/6/2001
Review Accident Root Cause Reports	Deloris Manager	7/6/2001	7/6/2001
Finalize Annual Contract with Waste Management Firm	Jacquelin Jones	7/3/2001	7/6/2001
Collect Samples for Air Permit	Joe Worker	7/3/2001	7/6/2001
Lubricate Production Machinery	Bob Johnson	7/10/2001	7/13/2001
Clear Production Sun Pump under Production Module #3	Jacquelin Jones	7/10/2001	7/17/2001
Organize Shipping Labels for Chemical Inventory	Al Watson	7/6/2001	7/27/2001
HAZCOM Training	Al Watson	7/2/2001	7/31/2001

FIG. 18

1900


 **Chemical Management Templates**

Select a Template

Change Template >>>

Template Type	Search Criteria	Search Results List	Details Standard
<input checked="" type="radio"/> BASIC	<ul style="list-style-type: none">• Name• Trade Name• Manufacturer Name	<ul style="list-style-type: none">• Trade Name• Name• Manufacturer Name• Physical State	<ul style="list-style-type: none">• OSHA
<input type="radio"/> ADVANCED	<ul style="list-style-type: none">• Name• Trade Name• Manufacturer Name• Use• Ingredients• Haz Ingredients	<ul style="list-style-type: none">• Trade Name• Name• Manufacturer Name• Use• Ingredients• Haz Ingredients• Physical State• Specific Gravity• Solubility• Emergency Overview• Exposure Signs• Cleanup• Work Practice	<ul style="list-style-type: none">• OSHA

FIG. 19



Chemical Management: MSDS

2000

2002
2004
2006

Request MSDS

Print MSDS

Print Labels

2010

☐

ACETONE

☐ Select all MSDS in the Folder

Trade Name	Name	Manufacturer Name	Physical State
	N/A	EM SCIENCE A DIVISION OF EM INDUSTRIES	LIQUID

Options

PDF

Request

Folders

Products

Training

FIG. 20

FIG. 21

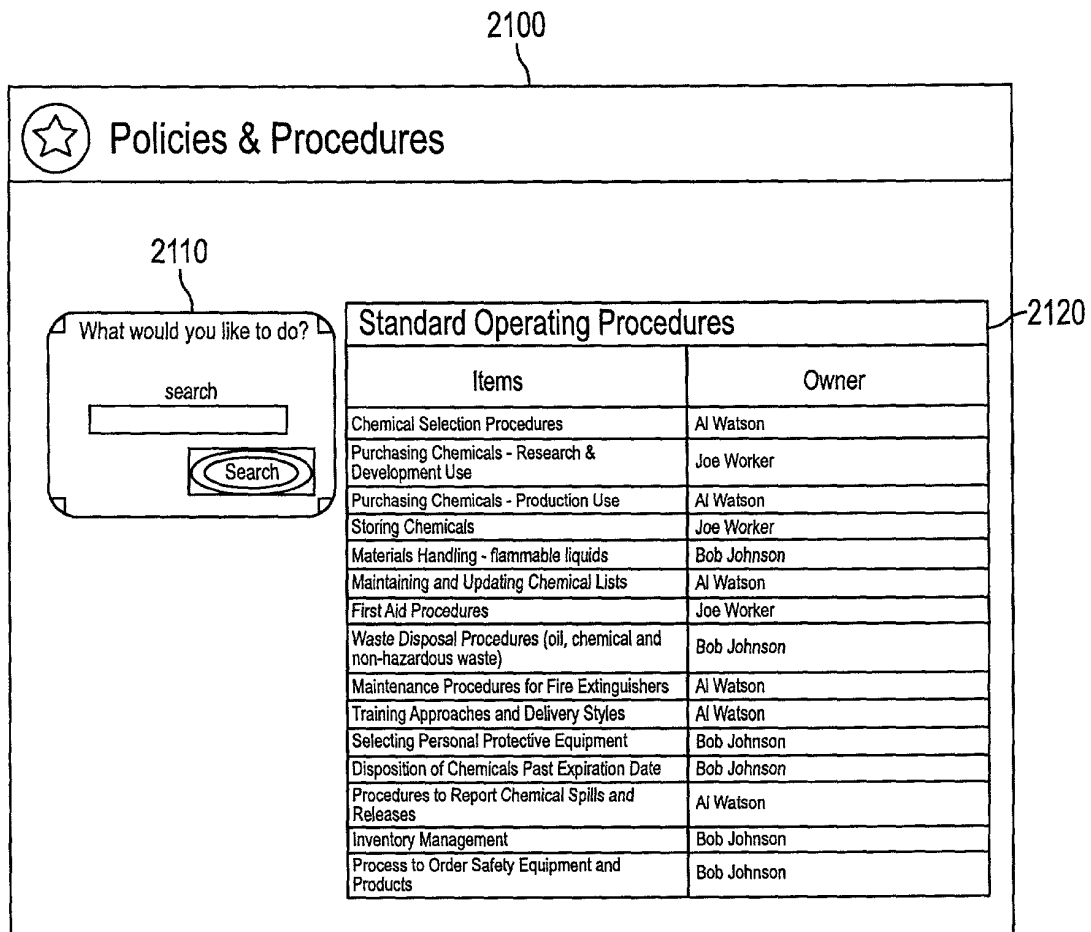


FIG. 21

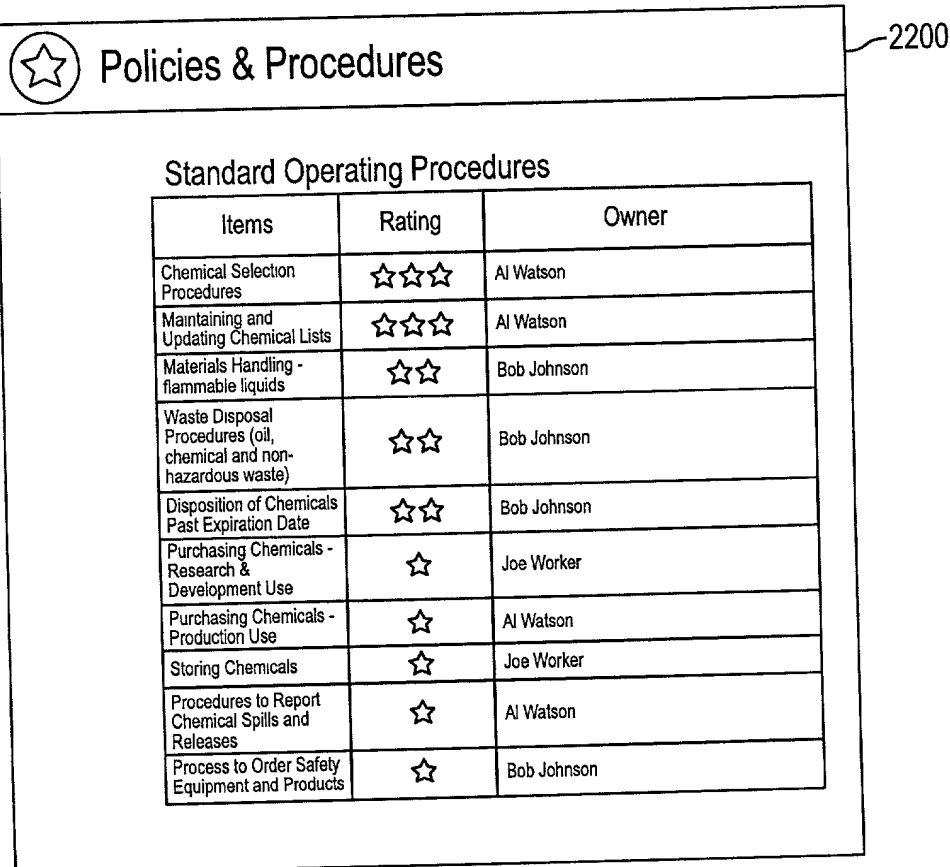


FIG. 22



Products & Supplies

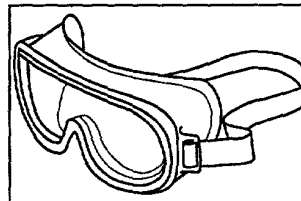
Product: Goggles

UVEX Classic Goggles, UVEX 100
Item: #UVEX-100

Excellent for many industrial environments, these safety goggles offer valuable protection against chemical splashes.


Features a soft, flexible PVC body, kept in place with a textured, durable neoprene headband with indirect venting for maximum ventilation.

Ideal for workers with eyeglasses, these goggles have an extra-wide flange for superior comfort.



Meets ANSI Z87.1-1989 standards.

- Get the MSDS for this item
- This item requires training

Pricing		Size	Quantity	Order
1-24 Dozen	25+ Dozen			
\$5.75	\$5.59	n/a 	1	Add to Order

Other Items Associated with UVEX-100

Item #	Items
M34F93	Wear Resistant Gloves
B4392D	Respirators
S23132	Fire Extinguishers

FIG. 23

104090" 0594250

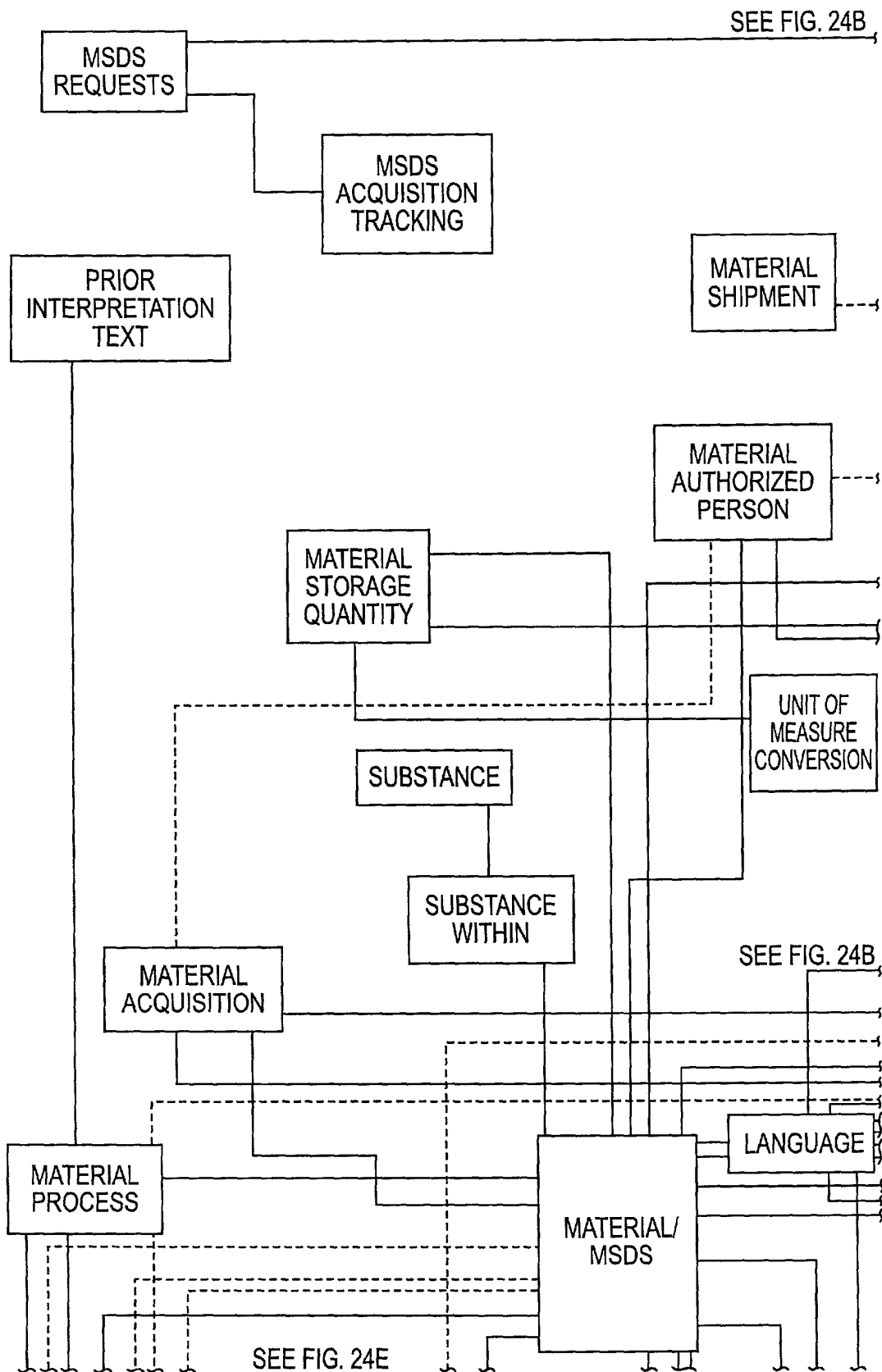


FIG. 24A

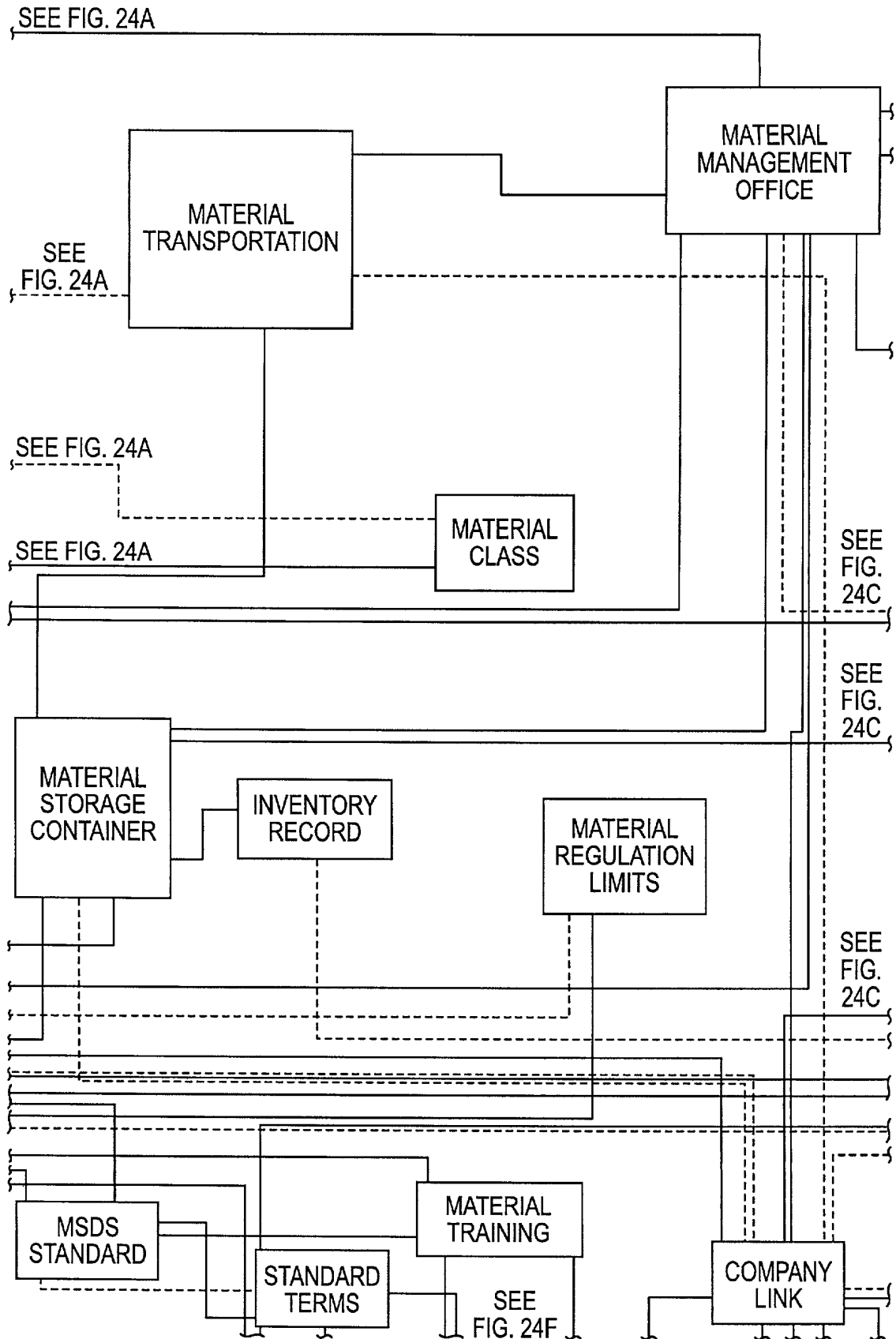


FIG. 24B

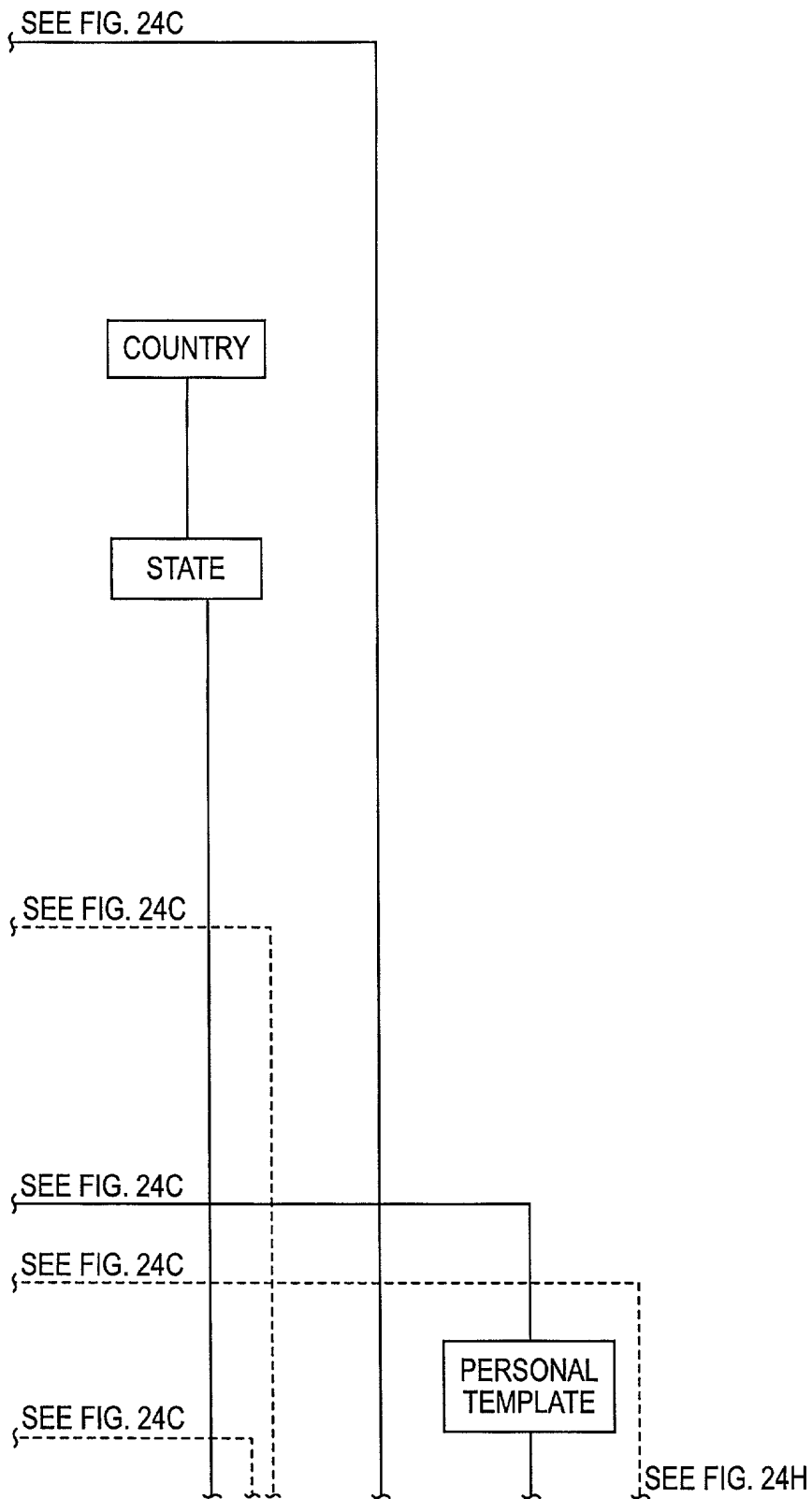


FIG. 24D

INDUSTRY MATERIAL

STANDARD USE INDUSTRY

CURRENT REGULATION

CURRENT REGULATION PARAGRAPH

PRIOR REGULATION PARAGRAPH

IMAGE FARM

REGULATION PROCESS STEP

GENERIC STEP

PROCESS

MATERIAL REGULATION

PROCESS GENERIC STEP

INCIDENT CLASS

INCIDENT CLASS FORM

INCIDENT LOG

MANUFACTURER

AGENCY FORMS

AGENCY REPEAT FORMS

SEE FIG. 24A

SEE FIG. 24F

SEE FIG. 24F

FIG. 24E

FIG. 24H

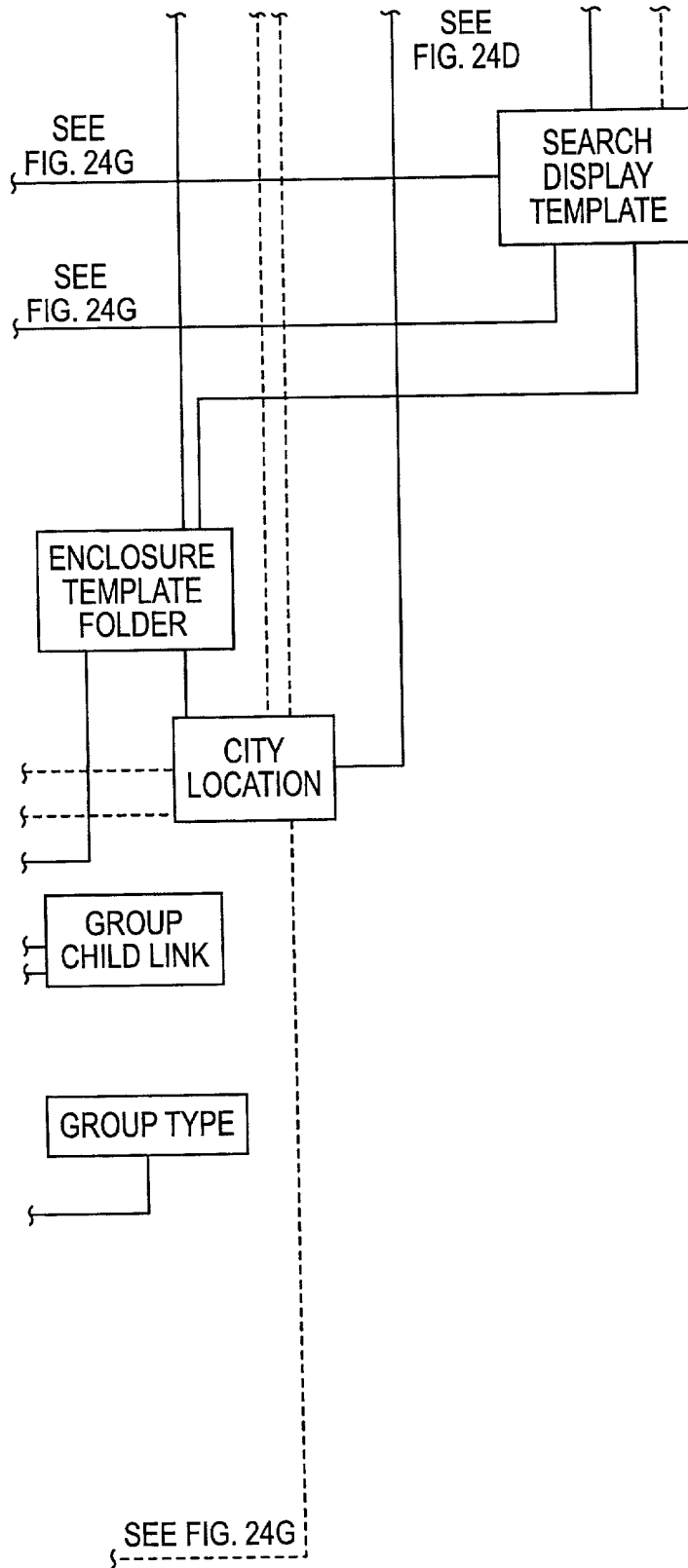


FIG. 24H

FIG. 25

MATERIAL_TRANSPORTATION	
STATE_NAME CONTAINER_ID_BARCODE OFFICE_NAME OWNER_COMPANY FROM_COMPANY TO_COMPANY OWNER_CITY FROM_CITY TO_CITY OWNER_SITE FROM_SITE TO_SITE MSDS_IDENTIFIER ENTRY_SEQUENCE ASSIGNED_PERSON_ID COUNTRY_NAME	2500
SHIPMENT_ID START_DATETIME END_DATETIME START_QTY END_QTY SHIPMENT_CARRIER	2510

FIG.25

MATERIAL_STORAGE_CONTAINER	
COMPANY_ID SITE_ID OFFICE_NAME MSDS_IDENTIFIER CONTAINER_ID_BARCODE ENTRY_SEQUENCE ASSIGNED_PERSON_ID CITY STATE_NAME COUNTRY_NAME	2600
QTY_REMAINING UNIT_OF_MEASURE SUPPLIER_ID RECEIVE_DATE EXPIRE_DATE CONTAINER_LOCATON CHANGE_ID CHANGE_DATETIME	2610

FIG.26

Figure 1 consists of 12 bar charts arranged in a 4x3 grid. Each chart shows the percentage of total protein in various fractions (A, B, C, D, E, F, G, H, I, J, K, L) for a specific cell line (A, B, C, D, E, F, G, H, I, J, K, L) under a specific condition (A, B, C, D, E, F, G, H, I, J, K, L). The y-axis for each chart is 'Percentage of total protein' ranging from 0 to 100. The x-axis for each chart is 'Fraction' with labels A, B, C, D, E, F, G, H, I, J, K, L. The data shows varying distributions of protein across fractions for different cell lines and conditions.

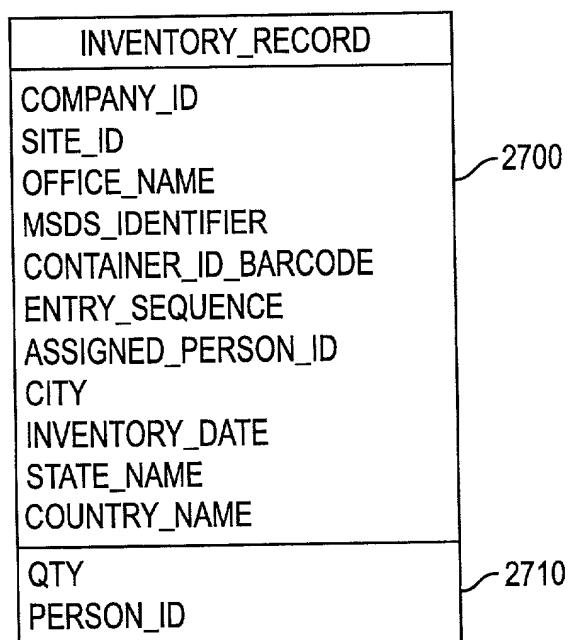


FIG.27

MATERIAL_REGULATION_LIMITS	
MSDS_IDENTIFIER COUNTRY STATE	2800
REGULATION_IDENTIFIER PARAGRAPH_SEQUENCE MINIMUM_QTY MAXIMUM_QTY UNIT_OF_MEASURE EXCEEDS_LIMITS_MSG EFFECTIVE_DATE	2810

FIG.28

20250622

MATERIAL_USE_DISPOSITION	
COMPANY_ID	2900
COUNTRY_NAME	
STATE_NAME	
CITY	
SITE_ID	
OFFICE_NAME	
CONTAINER_ID_BARCODE	
MSDS_IDENTIFIR	
ACTIVITY_WORD	
ACTIVITY_PERSON_ID	
ASSIGNED_PERSON_ID	
ASSIGNMENT_DATETIME	
ENTRY_SEQUENCE	
QUANTITY_FROM_INVENTORY	2910
UNIT_OF_MEASURE	
RETURN_DATETIME	
QUANTITY_RETURNED	
LOCATION_OF_USEDISPOSITION	
DATE_OF_USEDISPOSITION	

FIG.29

T04050"059T2B60

PERSON_LOCATOR	
PERSON_ID	3000
PERSON_LAST_NAME	
STATE_NAME	
COUNTRY_NAME	
SITE_ID	
COMPANY_ID	
CITY	
PERSON_MALE_Y	
PERSON_BIRTH_DATE	
PERSON_FIRST_NAME	
PERSON_MIDDLE_NAME	
PERSON_HOME_STREET	
POSTAL_CODE	
PERSON_HOME_PHONE_1	
PERSON_HOME_PHONE_2	
PERSON_CELL_PHONE	
PERSON_HOME_FAX	
PERSON_PAGER	
PERSON_OFFICE_PHONE_1	
PERSON_OFFICE_PHONE_2	
CHANGE_ID	
CHANGE_DATETIME	

FIG.30

MATERIAL_MSDS
MSDS_IDENTIFIER
MATERIAL_NAME
COMMON_NAME
CASS_NUMBER
MANUFACTURER_NAME
MANUFACTURER_ID
RECORD_ENTRY_DATE
IMAGE_FILE_ID
SYSTEM_ENTRY_DATE
DATE_ISSUED
REVIEW_DATE
FIRST_AID_DESCRIPTION
SAFETY_LABEL
HAZARD_LABEL
HTML_FILE_1
PDF_FILE_1
ARCHIVED_Y_N
CHANGE_ID
USER_ID

FIG.31

CURRENT_REGULATION_PARAGRAPH	
REGULATION_IDENTIFIER PARAGRAPH_SEQUENCE EFFECTIVE_DATE	3200
PARAGRAPH_KEY HTML_PARAGRAPH_TEXT HTML_TRANSLATION	3210

FIG.32

COURSE_TRAINING_OCCURANCE
TRAINING_OCCURANCE_ID
STATE_NAME
COUNTRY_NAME
BEGIN_DATE
END_DATE
CITY
BUILDING
ROOM
STATUS_PHRASE
COURSE_ID
COURSE_URL

FIG.33

STUDENT_PERSON	
COMPANY_ID	3400
PERSON_ID	
TRAINING_OCCURANCE_ID	
TRAINING_DATE_BEGIN	3410
TRAINING_DATE_END	
COMMENT	
ACCEPTANCE_CONFIRMATION_DATE	
COMPLETED_Y_N	
GRADE	
COURSE_FEEDBACK_FILENAME	
COURSE_ID	
ASSIGNER	
CURRENT_STATUS	

FIG.34

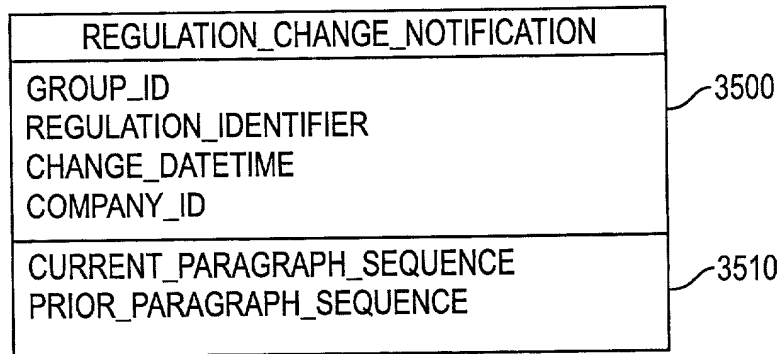


FIG.35

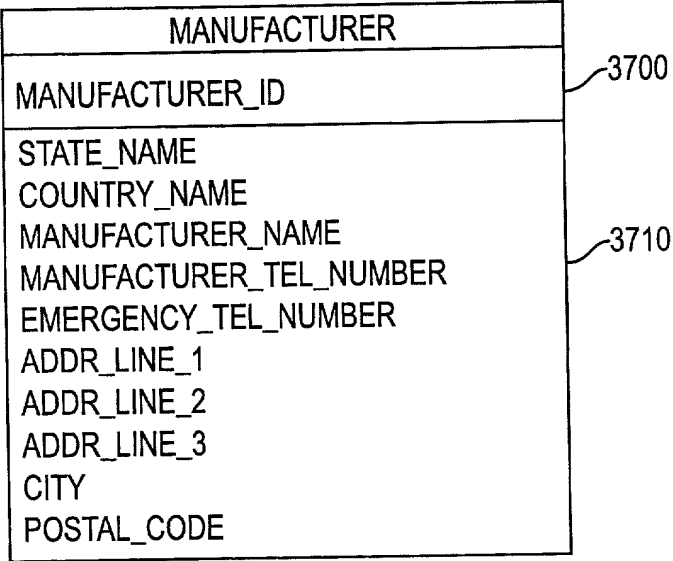


FIG.37

MATERIAL_ACQUISITION	
OFFICE_NAME COMPANY_ID MSDS_IDENTIFIER FROM_COMPANY_ID TO_COMPANY_ID CITY SITE_ID STATE_NAME COUNTRY_NAME	3800
AUTHORIZED_PURCHASER ORIGINAL_AUTHORIZATION_DATE ORDER_QUANTITY ORDER_DATE RECEIVE_DATE COMMENT	3810

FIG.38

ITEMS

SKU
Name
Description
Price
PriceLimit
Price2
Price2Limit
Price3
Price3Limit
Price4
SalePrice
UnitID
Weight
Attribute1
Attribute2
Attribute3
Taxable
MfgID
ImageFull
ImageThumb
AssociatedItem1
AssociatedItem2
AssociatedItem3
AssociatedItem4
AssociatedItem5
CategoryID
SubCategoryID

3900

FIG.39

CREDIT_ACCOUNTS	
CREDIT_ACCOUNT_ID	
DATE_CREATED	
STATUS	
COMPANY_NAME	
PAYABLE_NAME	
PAYABLE_PHONE	
PAYABLE_FAX	
PAYABLE_EMAIL	
PAYABLE_ADDRESS	
PAYABLE_CITY	
PAYABLE_STATE	
PAYABLE_ZIP	
PURCHASING_NAME	
PURCHASING_PHONE	
PURCHASING_FAX	
PURCHASING_EMAIL	
PURCHASING_ADDRESS	
PURCHASING_CITY	
PURCHASING_STATE	
PURCHASING_ZIP	
DONNS_NUMBER	
DONNS_RATING	
REFERENCE1_NAME	
REFERENCE1_ADDRESS	
REFERENCE1_PHONE	
REFERENCE2_NAME	
REFERENCE2_ADDRESS	
REFERENCE2_PHONE	
REFERENCE3_NAME	
REFERENCE3_ADDRESS	
REFERENCE3_PHONE	
BANK_NAME	
BANK_ACCOUNT_NUMBER	
BANK_ADDRESS	
BANK_PHONE	
BANK_FAX	
SIGNATURE_COMPANY_NAME	
SIGNATURE_CREDIT_LIMIT	
SIGNATURE_FULL_NAME	
SIGNATURE_FULL_TITLE	

FIG.40